

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/797,821  
Source: 1FW9  
Date Processed by STIC: 10/22/04

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IFWO

## RAW SEQUENCE LISTING

DATE: 10/22/2004

PATENT APPLICATION: US/10/797,821

TIME: 15:35:42

Input Set : A:\25669-020.ST25.txt

Output Set: N:\CRF4\10222004\J797821.raw

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3 <110> APPLICANT: Smith, Daniel J.
4   Taubman, Martin A.
6 <120> TITLE OF INVENTION: Glucan Binding Protein and Glycosyltransferase Immunogens
8 <130> FILE REFERENCE: 25669-020
10 <140> CURRENT APPLICATION NUMBER: 10/797,821
11 <141> CURRENT FILING DATE: 2004-03-09
13 <150> PRIOR APPLICATION NUMBER: 10/383,930
14 <151> PRIOR FILING DATE: 2003-03-07
16 <150> PRIOR APPLICATION NUMBER: 60/363,209
17 <151> PRIOR FILING DATE: 2002-03-07
19 <150> PRIOR APPLICATION NUMBER: 60/402,483
20 <151> PRIOR FILING DATE: 2002-08-08
22 <150> PRIOR APPLICATION NUMBER: 09/290,049
23 <151> PRIOR FILING DATE: 1999-04-12
25 <150> PRIOR APPLICATION NUMBER: 60/081,550
26 <151> PRIOR FILING DATE: 1998-04-13
28 <150> PRIOR APPLICATION NUMBER: 60/115,142
29 <151> PRIOR FILING DATE: 1999-01-08
31 <160> NUMBER OF SEQ ID NOS: 45
33 <170> SOFTWARE: PatentIn version 3.2
35 <210> SEQ ID NO: 1
36 <211> LENGTH: 20
37 <212> TYPE: PRT
38 <213> ORGANISM: Artificial
40 <220> FEATURE:
41 <223> OTHER INFORMATION: GpbB-derived MHC class II (SYI) peptide
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46 1           5           10           15
49 Ser Val Ser Asp
50           20
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55 <212> TYPE: PRT
56 <213> ORGANISM: Artificial
58 <220> FEATURE:
59 <223> OTHER INFORMATION: GpbB peptide
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67 Gln Gln Ala Gly
68           20
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72 <211> LENGTH: 20
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74 <213> ORGANISM: Artificial
76 <220> FEATURE:
77 <223> OTHER INFORMATION: GpbB peptide
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86          20
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94 <220> FEATURE:
95 <223> OTHER INFORMATION: GbpB peptide
97 <400> SEQUENCE: 4
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100 1          5          10          15
103 Leu Ser Ala Val
104          20
107 <210> SEQ ID NO: 5
108 <211> LENGTH: 20
109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial
112 <220> FEATURE:
113 <223> OTHER INFORMATION: GbpB peptide
115 <400> SEQUENCE: 5
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118 1          5          10          15
121 Ala Gln Ile Ala
122          20
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127 <212> TYPE: PRT
128 <213> ORGANISM: Artificial
130 <220> FEATURE:
131 <223> OTHER INFORMATION: GbpB peptide
133 <400> SEQUENCE: 6
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136 1          5          10          15
139 Gln Ala Ala Gln
140          20
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145 <212> TYPE: PRT
146 <213> ORGANISM: Artificial
148 <220> FEATURE:
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151 <400> SEQUENCE: 7
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154 1          5          10          15
157 Ala Gln Val Asn
158          20
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163 <212> TYPE: PRT
164 <213> ORGANISM: Artificial
166 <220> FEATURE:
167 <223> OTHER INFORMATION: GbpB peptide
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172 1          5          10          15
175 Ala Leu Gln Thr
176          20
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182 <213> ORGANISM: Artificial
184 <220> FEATURE:
185 <223> OTHER INFORMATION: GbpB peptide
187 <400> SEQUENCE: 9
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190 1          5          10          15
193 Gln Gln Ala Glu
194          20
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198 <211> LENGTH: 20
199 <212> TYPE: PRT
200 <213> ORGANISM: Artificial
202 <220> FEATURE:
203 <223> OTHER INFORMATION: GbpB peptide
205 <400> SEQUENCE: 10
207 Gln Gln Ile Gln Thr Leu Ser Ser Lys Ile Val Ala Arg Asn Glu Ser
208 1          5          10          15
211 Leu Lys Gln Gln
212          20
215 <210> SEQ ID NO: 11
216 <211> LENGTH: 20
217 <212> TYPE: PRT
218 <213> ORGANISM: Artificial
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221 <223> OTHER INFORMATION: GbpB peptide
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225 Ala Thr Ser Tyr Ile Asn Ala Ile Ile Asn Ser Lys Ser Val Ser Asp
226 1          5          10          15
229 Ala Ile Asn Arg
230          20

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247 Gln Gln Glu Gln
248           20
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252 <211> LENGTH: 20
253 <212> TYPE: PRT
254 <213> ORGANISM: Artificial
256 <220> FEATURE:
257 <223> OTHER INFORMATION: GbpB peptide
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265 Asn Thr Gln Gln
266           20
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271 <212> TYPE: PRT
272 <213> ORGANISM: Artificial
274 <220> FEATURE:
275 <223> OTHER INFORMATION: GbpB peptide
277 <400> SEQUENCE: 14
279 Ala Gln Leu Glu Ala Ala Gln Leu Asn Leu Gln Ala Glu Leu Thr Thr
280 1           5           10           15
283 Ala Gln Asp Gln
284           20
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289 <212> TYPE: PRT
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298 1           5           10           15
301 Gln Ala Ala Ala
302           20
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306 <211> LENGTH: 20
307 <212> TYPE: PRT
308 <213> ORGANISM: Artificial
310 <220> FEATURE:

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311 <223> OTHER INFORMATION: GbpB peptide
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316 1           5           10           15
319 Thr Gln Ala Thr
320           20
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324 <211> LENGTH: 20
325 <212> TYPE: PRT
326 <213> ORGANISM: Artificial
328 <220> FEATURE:
329 <223> OTHER INFORMATION: GbpB peptide
331 <400> SEQUENCE: 17
333 Thr Glu Gln Ser Ala Ala Gln Ala Val Asn Asn Ser Asp Gln Glu Ser
334 1           5           10           15
337 Thr Thr Ala Thr
338           20
341 <210> SEQ ID NO: 18
342 <211> LENGTH: 20
343 <212> TYPE: PRT
344 <213> ORGANISM: Artificial
346 <220> FEATURE:
347 <223> OTHER INFORMATION: GbpB peptide
349 <400> SEQUENCE: 18
351 Gln Pro Ser Ala Ser Ser Ala Ser Thr Ala Ala Val Ala Ala Asn Thr
352 1           5           10           15
355 Ser Ser Ala Asn
356           20
359 <210> SEQ ID NO: 19
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361 <212> TYPE: PRT
362 <213> ORGANISM: Artificial
364 <220> FEATURE:
365 <223> OTHER INFORMATION: GbpB peptide
367 <400> SEQUENCE: 19
369 Gly Asn Tyr Trp Gly Asn Gly Gly Gln Trp Ala Ala Ser Ala Ala Ala
370 1           5           10           15
373 Ala Gly Tyr Arg
374           20
377 <210> SEQ ID NO: 20
378 <211> LENGTH: 20
379 <212> TYPE: PRT
380 <213> ORGANISM: Artificial
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383 <223> OTHER INFORMATION: GbpB peptide
385 <400> SEQUENCE: 20
387 Ala Gly Tyr Arg Val Gly Ser Thr Pro Ser Ala Gly Ala Val Ala Val
388 1           5           10           15
391 Trp Asn Asp Gly

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RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 10/22/2004

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Input Set : A:\25669-020.ST25.txt

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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,25,26,27,28

Seq#:41

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/797,821

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Input Set : A:\25669-020.ST25.txt

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